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MEMO

To: Members of the Council
From: Eric Hindinger, Program Manager
Date: July 2, 2018
Subject: Resolution – R-16-24

Pursuant to Resolution – R-16-24, the Engineering Division presents the following updates relevant to the City's on-going stormwater management:

1. MS4 Annual Report – The City has completed and submitted its RIDEM Annual Report for 2017.
2. Mapping –Mapping is almost complete in the northern and western portions of the City. BETA Engineering is continuing with the southern section of the City. All structures will be mapped by the end of 2018. Available documentation associated with the mapping project is available for public viewing at the Warwick Library, 600 Sandy Lane.
3. Cleaning and Inspections of stormwater infrastructure. The City, with the assistance of its consultant BETA Group has completed all cleaning and inspection requirement associated with the Consent Agreement.
4. Projects:
 - a. Edgewater Drive Roadway Abandonment – Roadway closed to through traffic per RIDEM Consent requirements.
 - b. Midgely Avenue Roadway Abandonment– Roadway closed to through traffic per RIDEM Consent requirements.
 - c. Suburban Parkway – Construction completed. Also, the City has completed the final closeout of the project. One of the stormwater mitigation cells has been holding water longer than desired; the DPW is aware of this issue and will modify the cell to solve this issue.
 - d. Rocky Point – Impervious surface removal. The City has completed the removal of the impervious areas this past winter.

- e. Buckeye Brook –The City’s consultant, EA Engineering, Science, & Technology, Inc., PBC (EA), has completed field work and has submitted a final report. The City has met with RIDEM and issued an RFP for consulting service associated with design, permitting, and construction management of a project to mitigate the obstructions within Buckeye Brook. EA Engineering, Science & Technology, Inc. PBC (EA) was awarded this work and has completed the design. EA has submitted the project to RI DEM for approval in June and is awaiting review comments from RI DEM. CDBG funds will be utilized for this project.
 - f. Tuscatucket Brook – The Engineering Division has met with RIAC regarding installation of best management practices (BMPs) associated with this water body. We are discussing expanding existing easements to accommodate BMPs in areas where RIAC acquisitions overlap with the City’s drainage infrastructure.
 - g. Lippitt School Demonstration Project – The City is required to construct a demonstration project in the vicinity of Lippitt School. The City is reviewing the possibility of a rain garden to treat surface runoff near the intersection of Almy Street and Gulf Street.
5. Public Outreach – Through its consultant, Southern Rhode Island Conservation District (SRICD) with the assistance to the Northern Rhode Island Conservation District (NRICD), the City has distributed informational mailing stuffers for the last two water/sewer billing cycles. Informational materials have also been installed on the BigBelly trashcans located on the Oakland Beach Common. NRICD held two workshops on “**Gardening to Protect Warwick’s Waters**” on April 26, 2018 at the Oakland Beach Branch of the Boys and Girls Club of Warwick and on May 9, 2018 at the Warwick Public Library. The Conservation Districts have also created a website to deliver stormwater related information to the Public; the website can be found on the following link - <https://simplestepswarwick.com/>.
6. IDDE Services – The City has recently issued an RFP for Consulting Engineering Services for Stormwater Management. The Selected Consultant shall revise the City’s Illicit Discharge Detection and Elimination (IDDE) Plan for screening and monitoring of MS4 outfalls and interconnections, investigation of sub-catchment areas, and removal of illicit discharges; amend the City’s Stormwater Management Program Plan (SWMPP) to incorporate the revised IDDE Plan; identify and target High Priority Outfalls as identified in the Consent Decree; conduct dry-weather and wet-weather surveys; submit samples of potential illicit discharges to approved laboratories for testing; and prepare reports for submission with the 2018 RIDEM Annual Report.

Please feel free to contact me with any questions.

cc: Richard Crenca, DPW –Director
William DePasquale, Mayor’s Office/Chief of Staff